

Figure 1

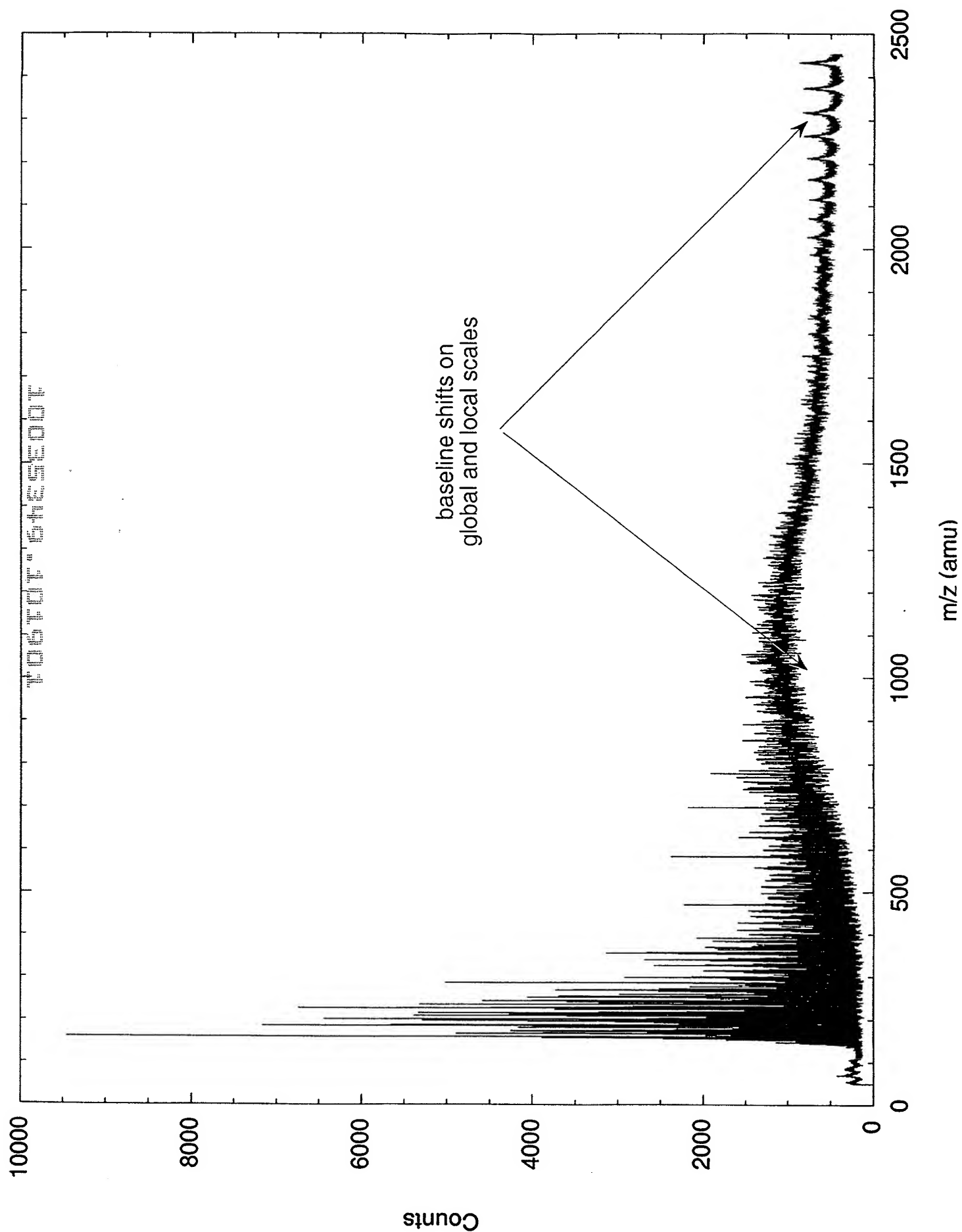


Figure 2

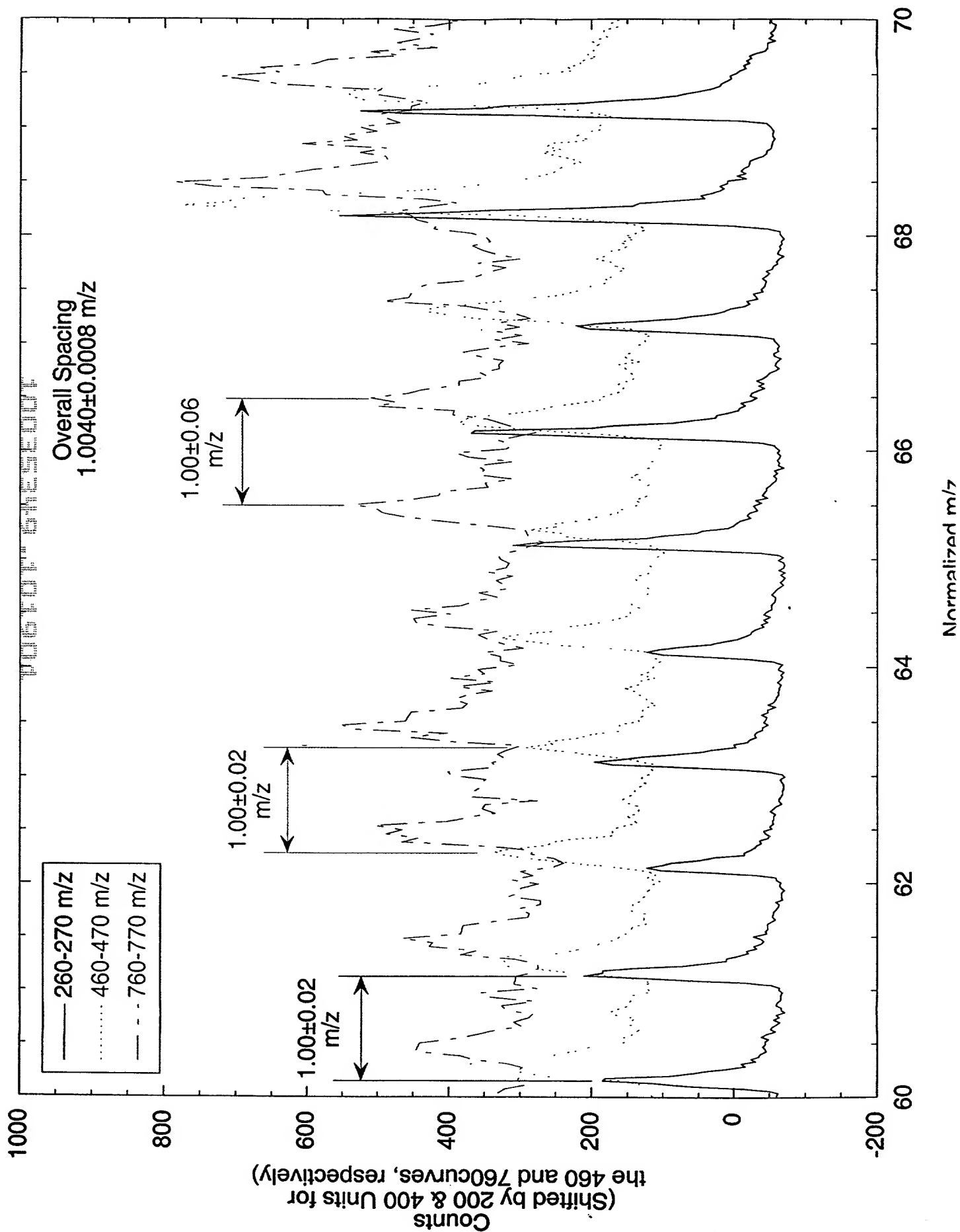


Figure 3

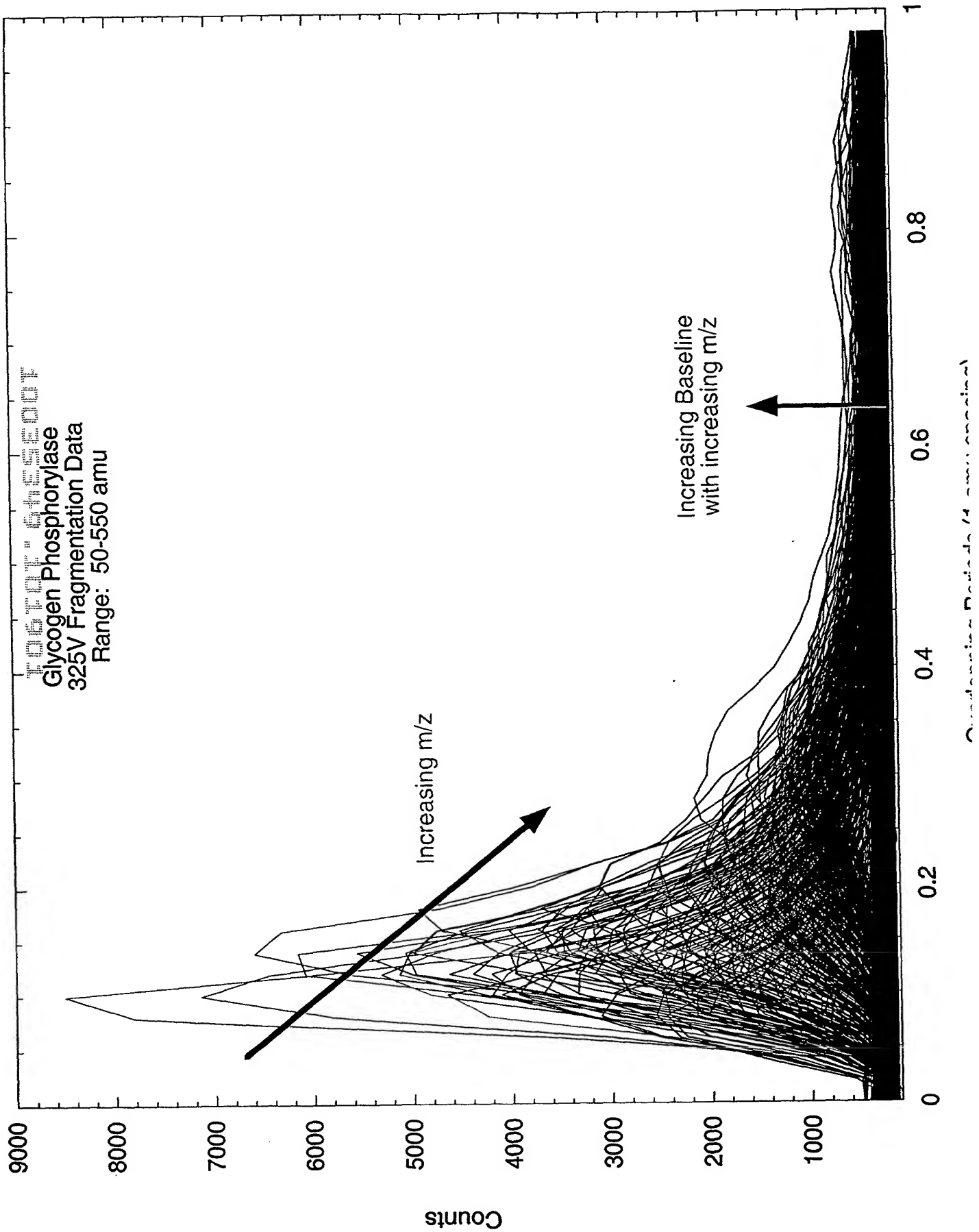


Figure 4

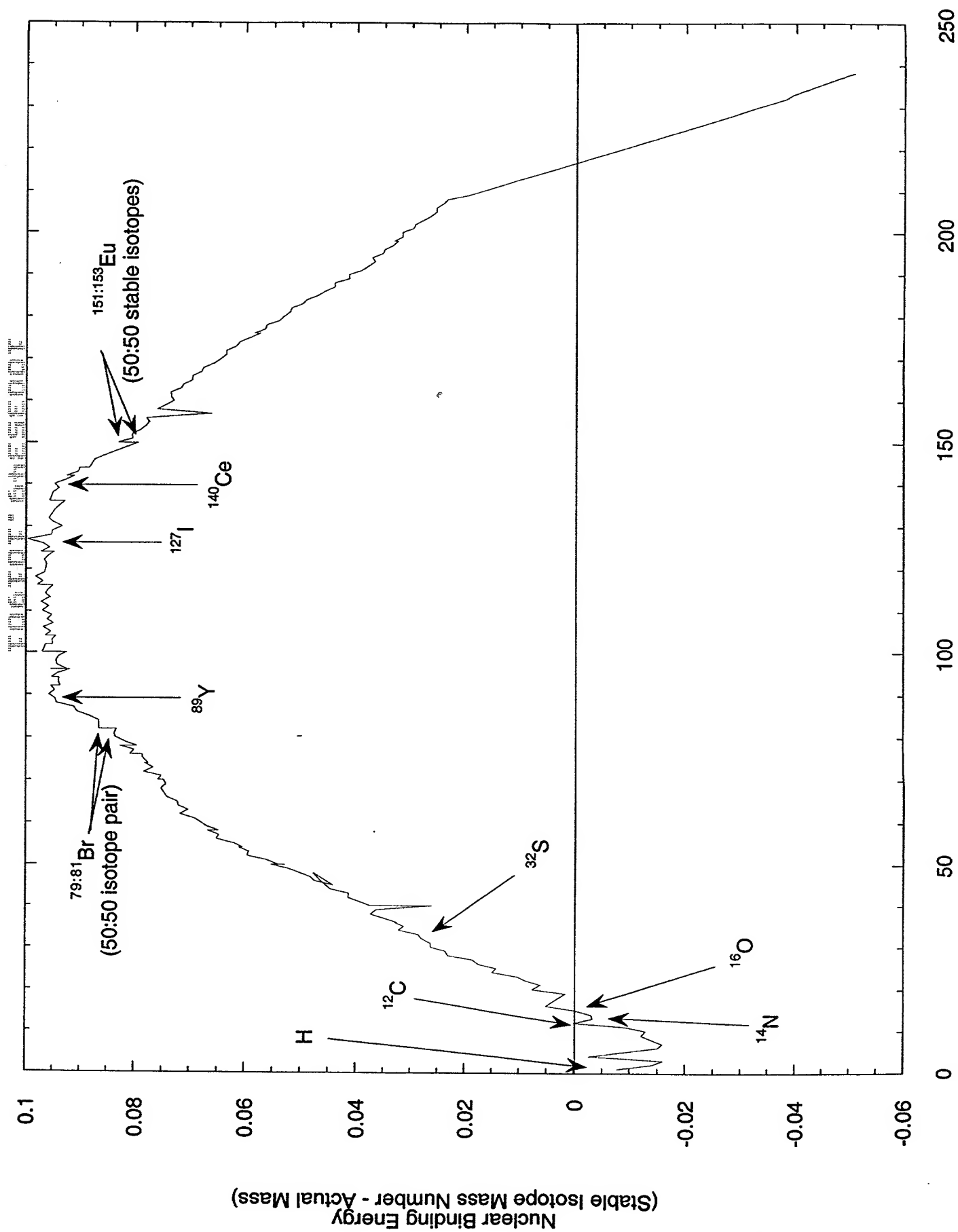


Figure 5

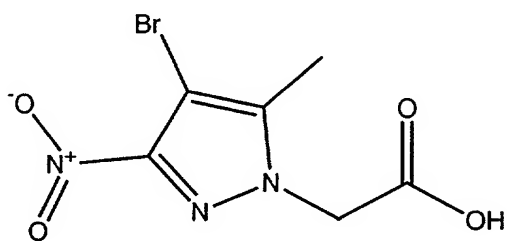
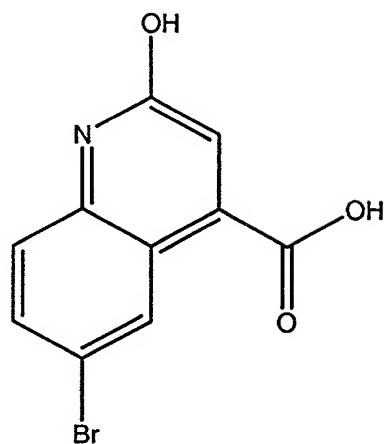
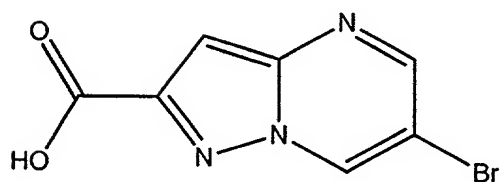
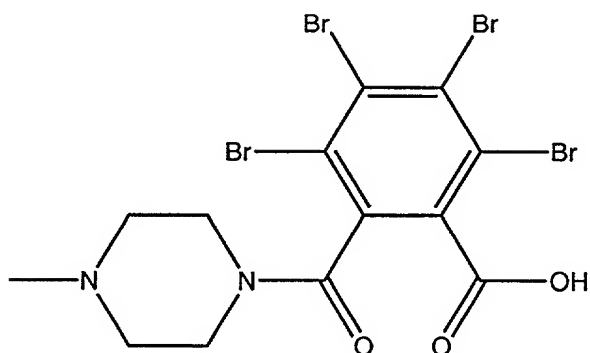
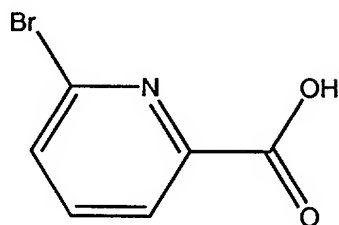
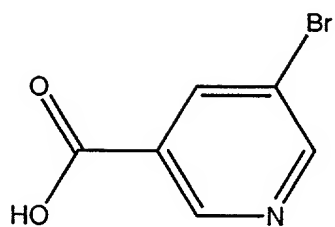
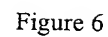


FIGURE 5



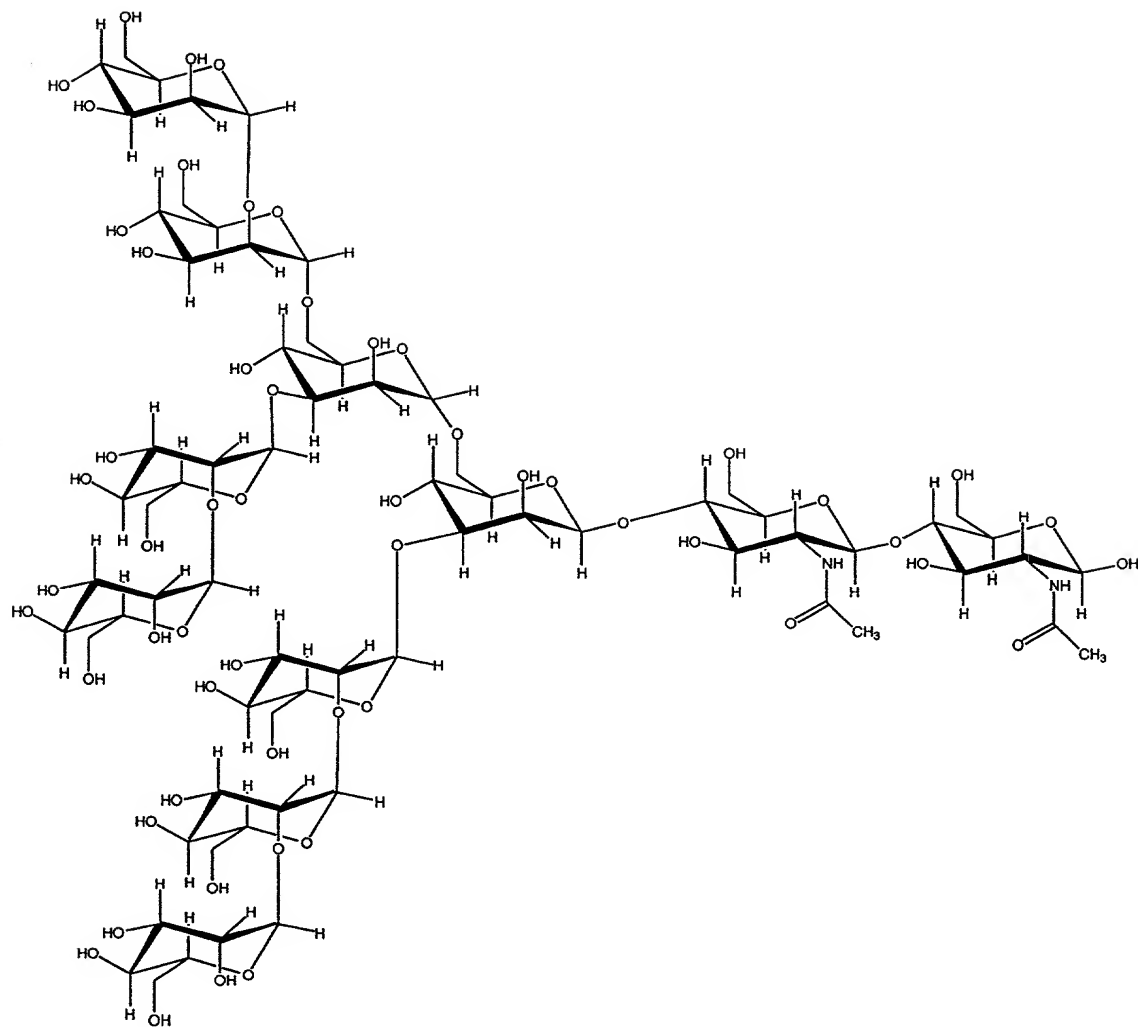


Figure 7

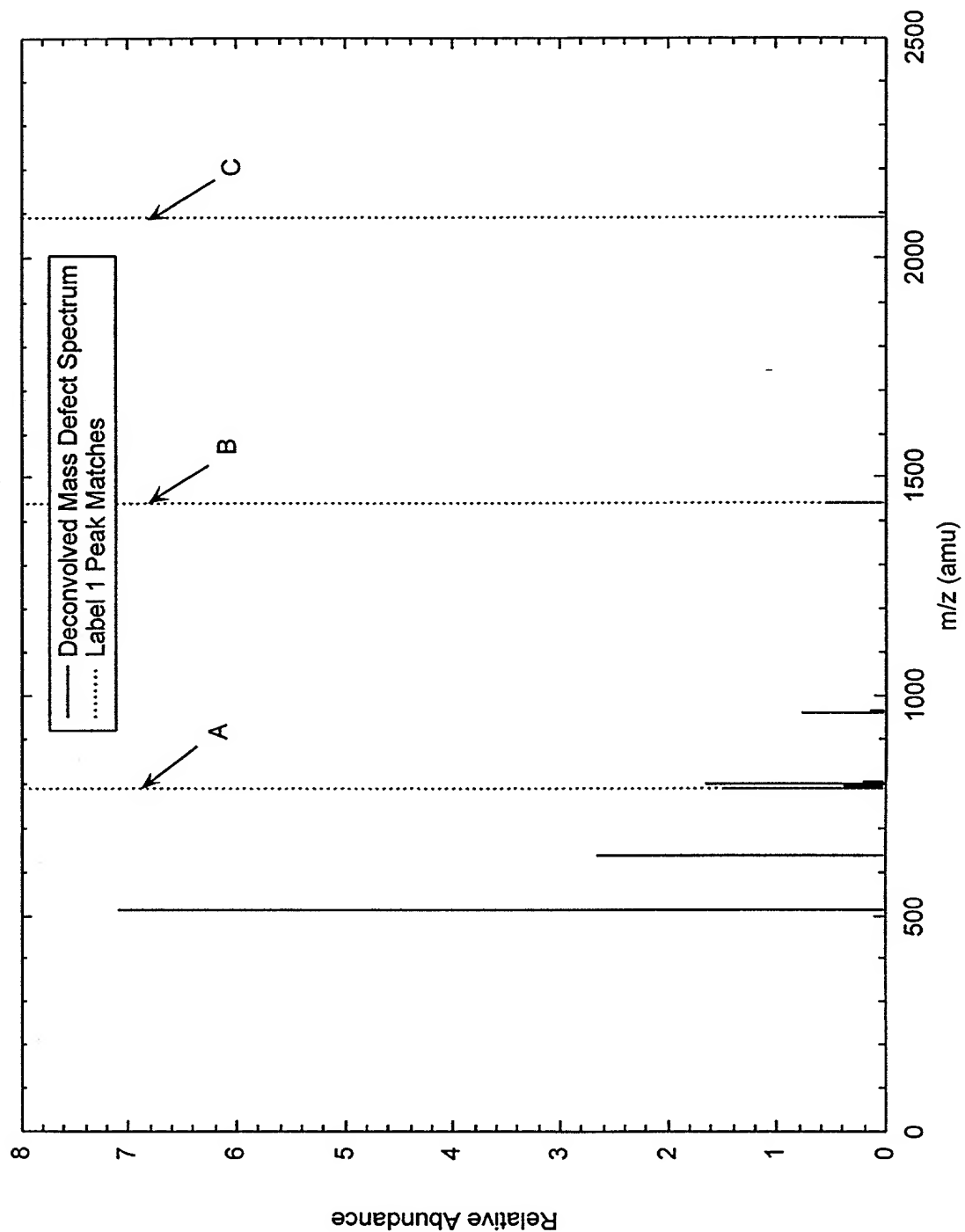
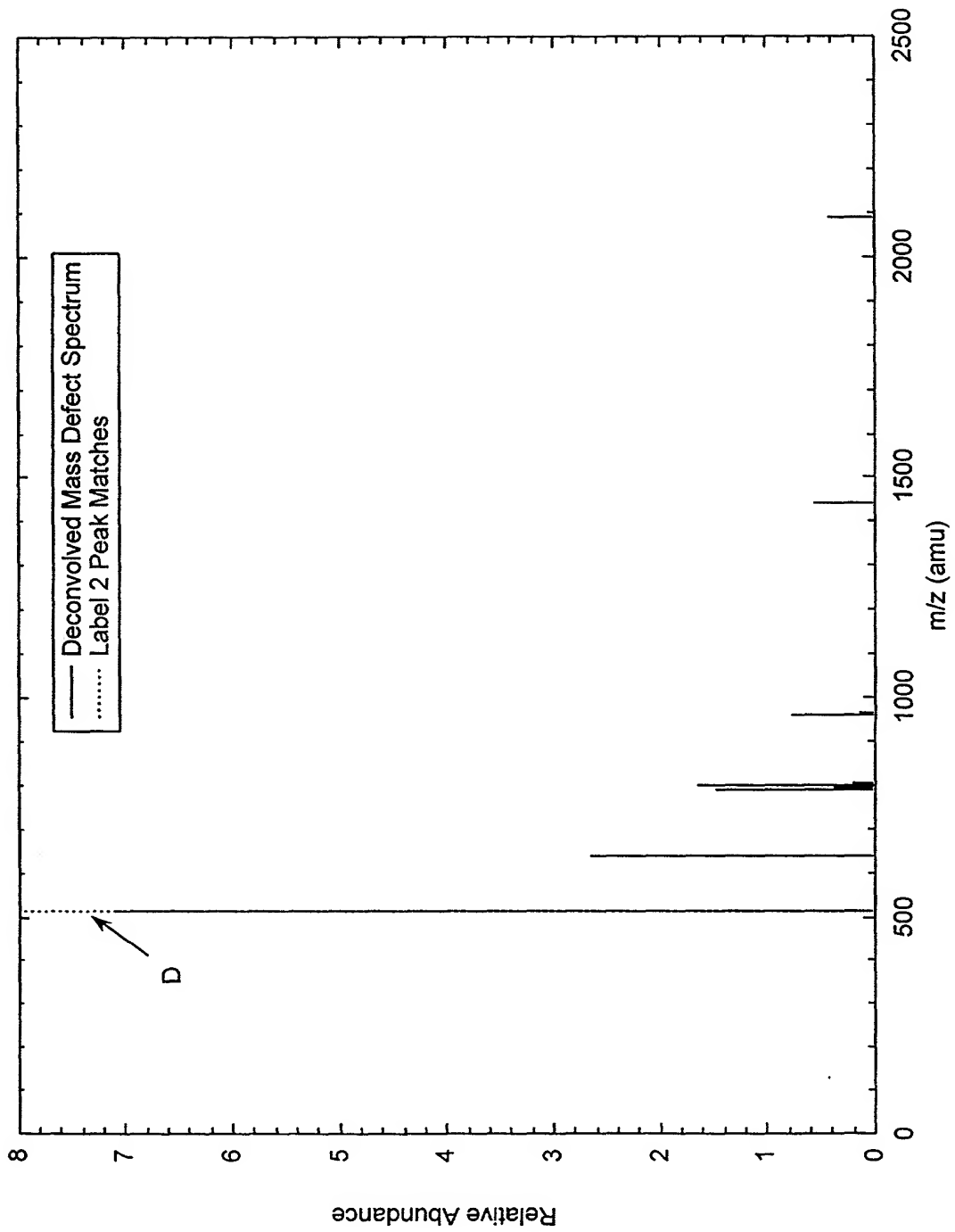


Figure 8A

Atty. Docket No.: 020444-000710  
 Applicant: Luke V. Schneider et al.  
 Title: MASS DEFECT LABELING FOR THE DETERMINATION OF  
 OLIGOMER SEQUENCE  
 Sheet 8 of 32



Figure 8B



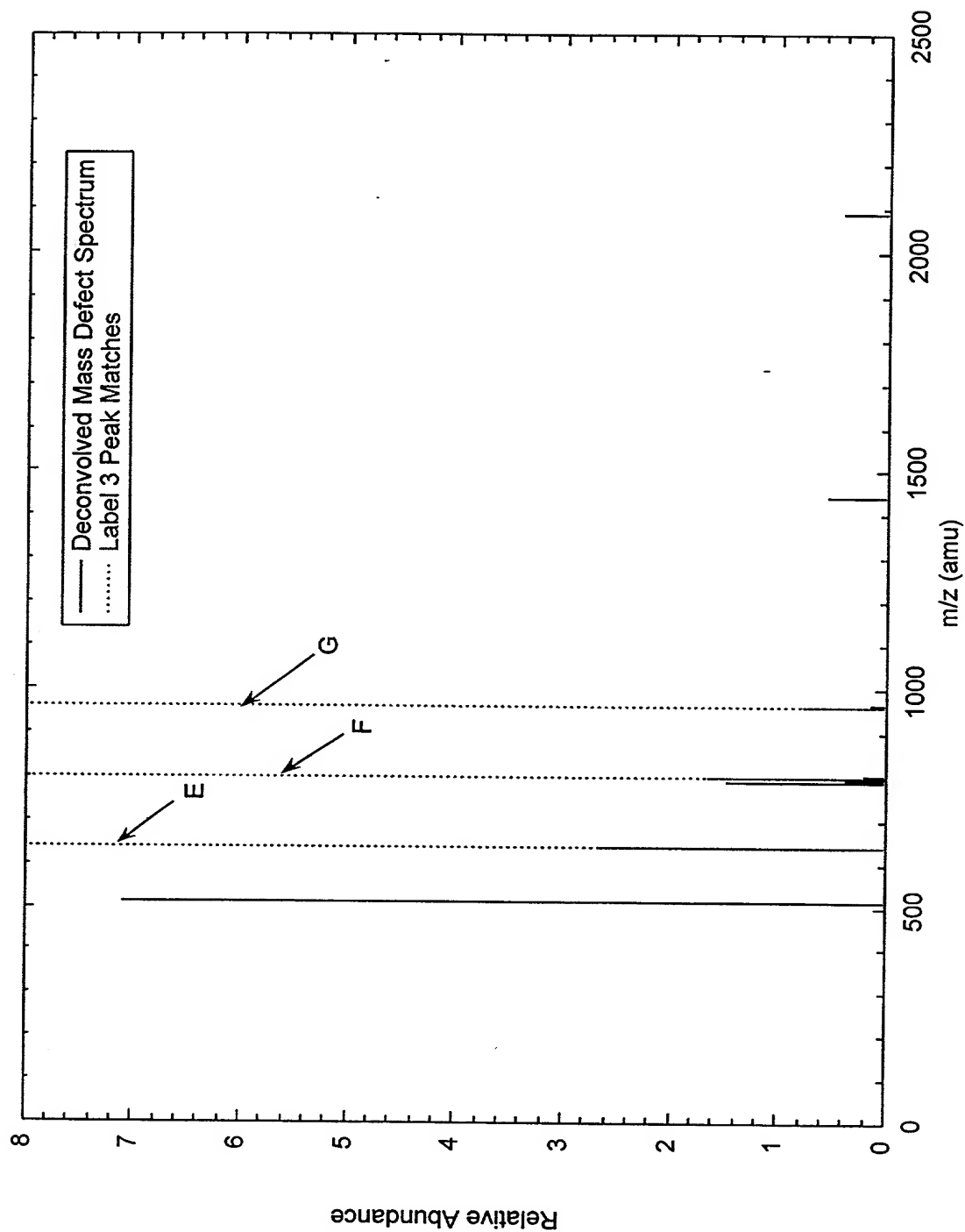


Figure 8C

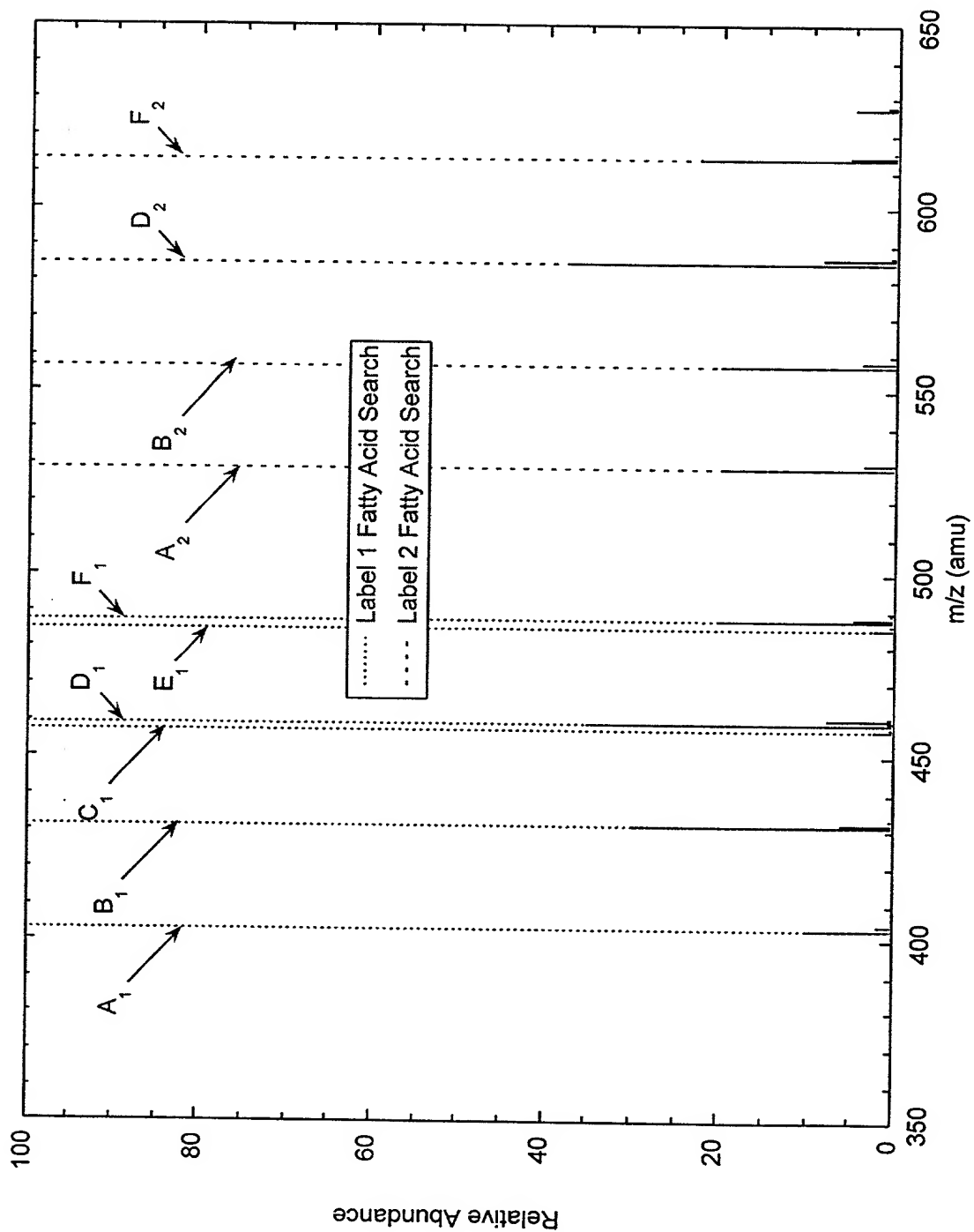
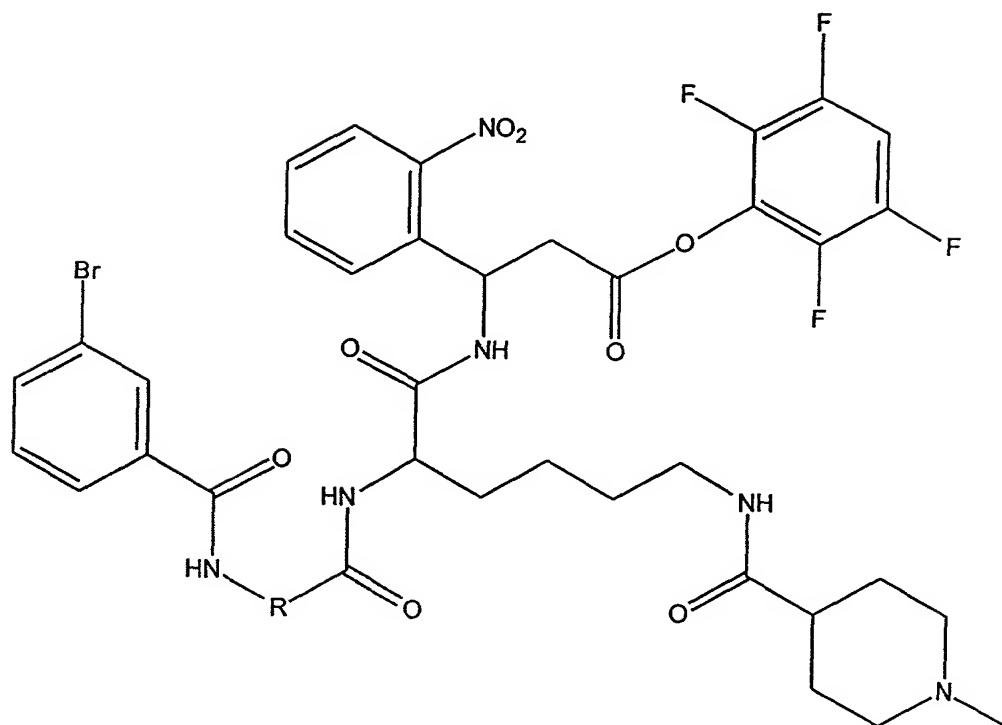


Figure 9

Atty. Docket No.: 020444-000710  
 Applicant: Luke V. Schneider et al.  
 Title: MASS DEFECT LABELING FOR THE DETERMINATION OF  
 OLIGOMER SEQUENCE  
 Sheet 11 of 32

Figure 10



The general structure of the photocleavable mass defect tag where Br is the mass defect element that is linked through the amino acid (R) to the remainder of the tag.

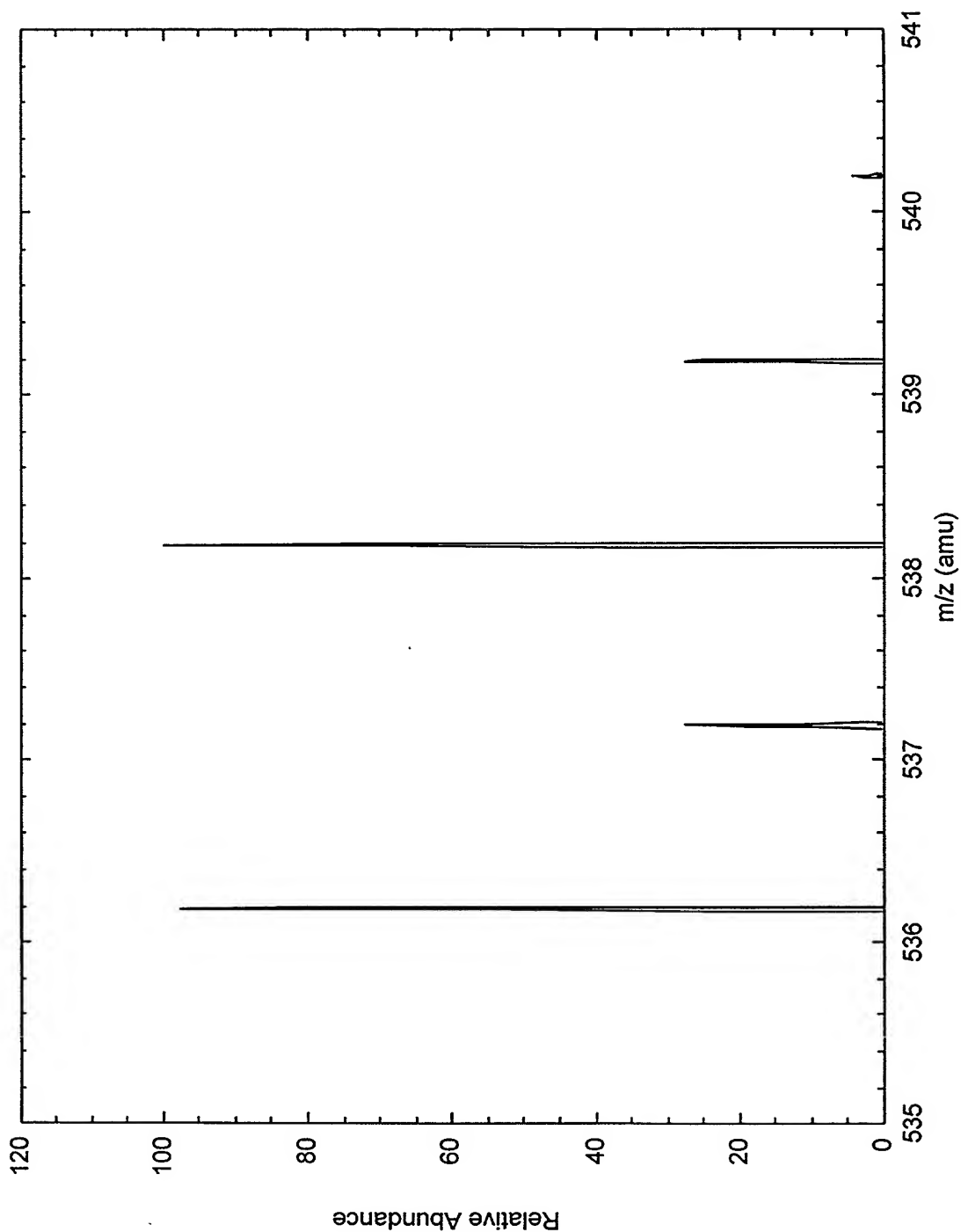
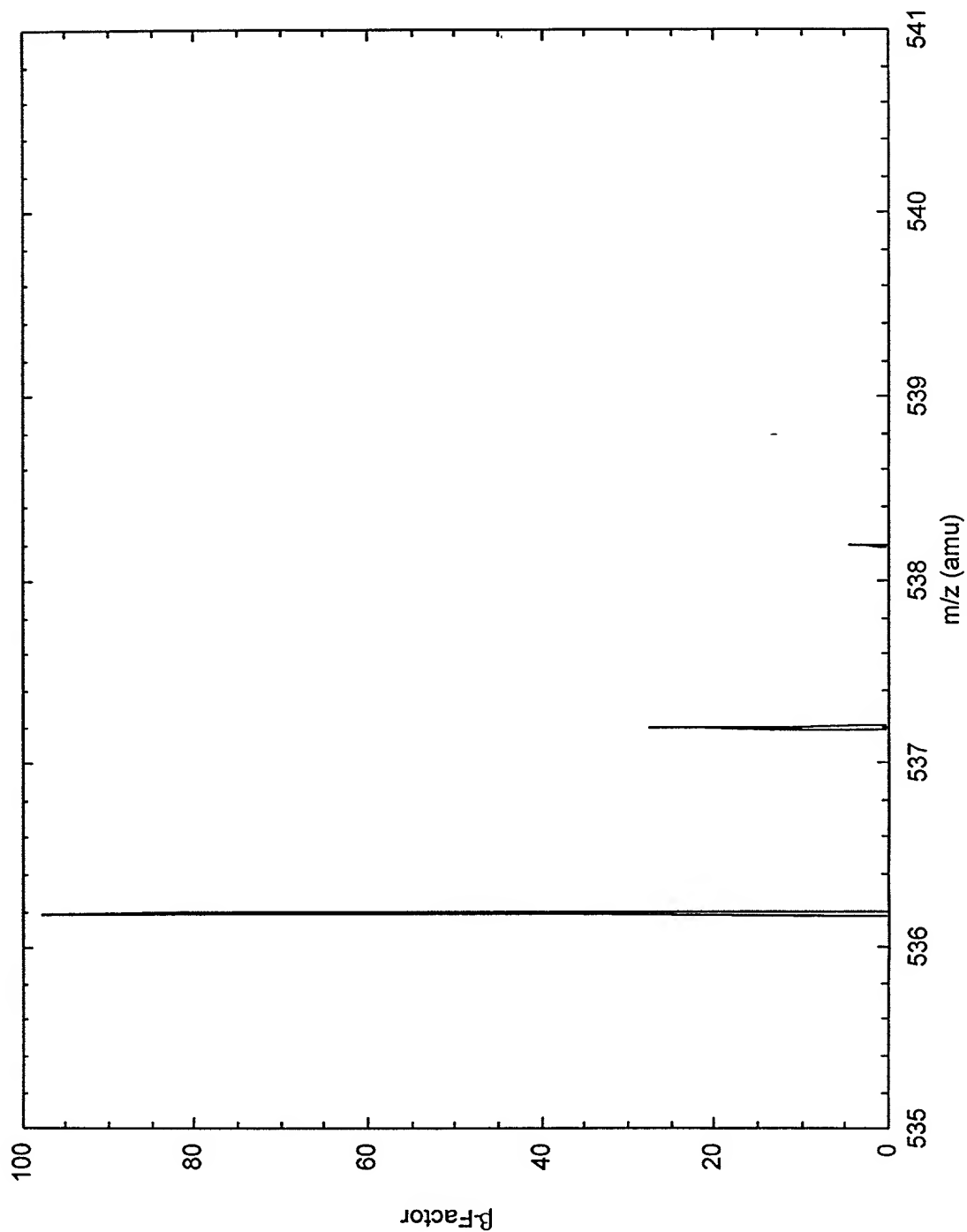


Figure 11A

Atty. Docket No.: 020444-000710  
Applicant: Luke V. Schneider et al.  
Title: MASS DEFECT LABELING FOR THE DETERMINATION OF  
OLIGOMER SEQUENCE  
Sheet 13 of 32



Atty. Docket No.: 020444-000710  
Applicant: Luke V. Schneider et al.  
Title: MASS DEFECT LABELING FOR THE DETERMINATION OF  
OLIGOMER SEQUENCE  
Sheet 14 of 32

Figure 11B



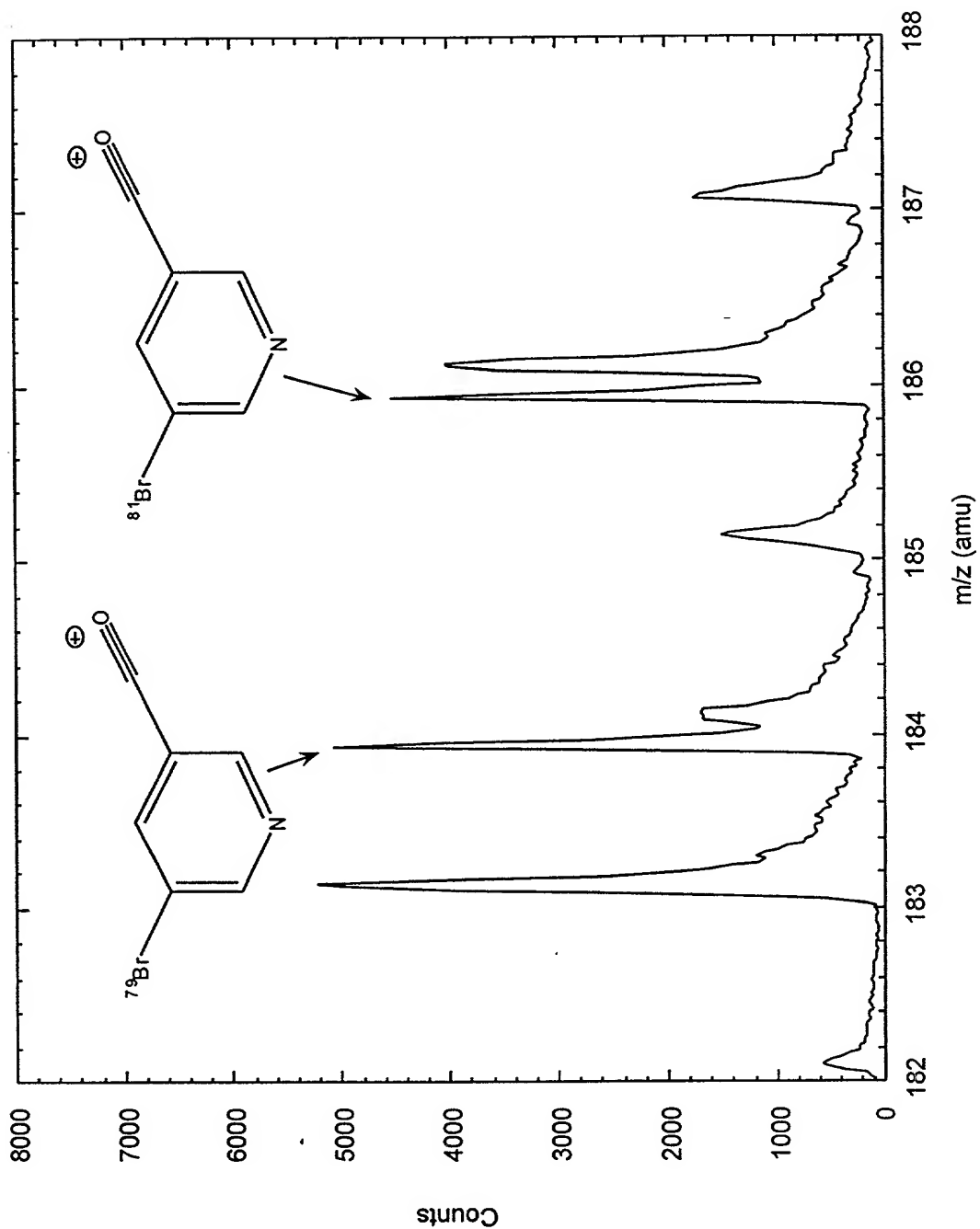
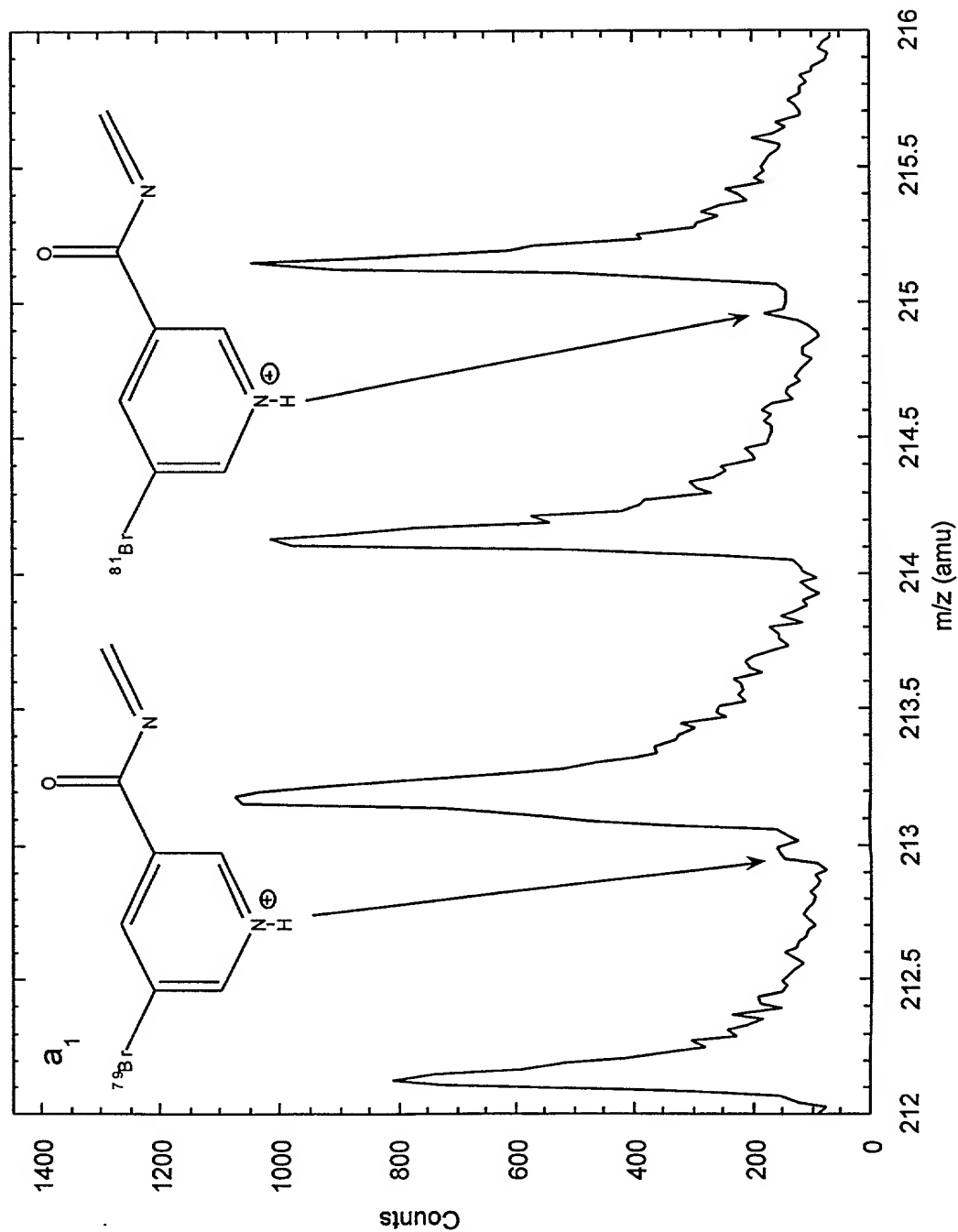


Figure 12A



Figure 12B



Atty. Docket No.: 020444-000710  
 Applicant: Luke V. Schneider et al.  
 Title: MASS DEFECT LABELING FOR THE DETERMINATION OF  
 OLIGOMER SEQUENCE  
 Sheet 18 of 32

Figure 12C

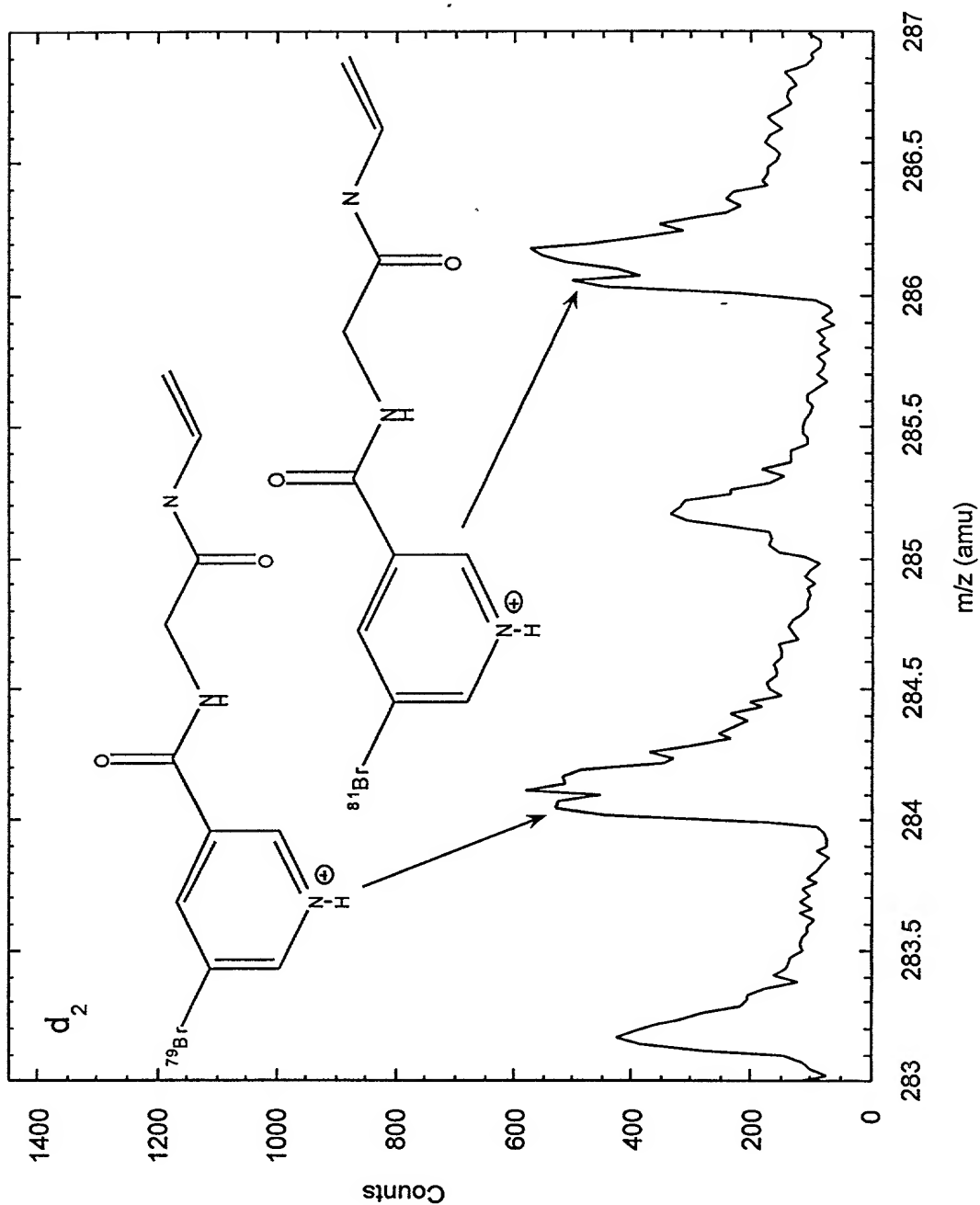


FIGURE 13A

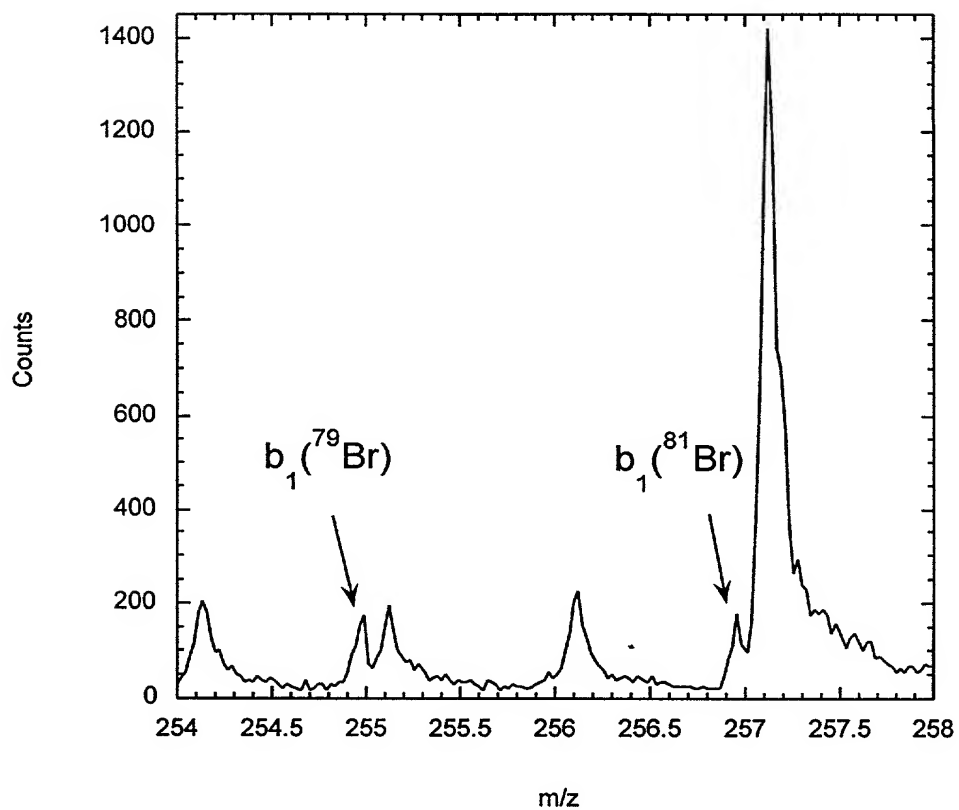


FIGURE 13B

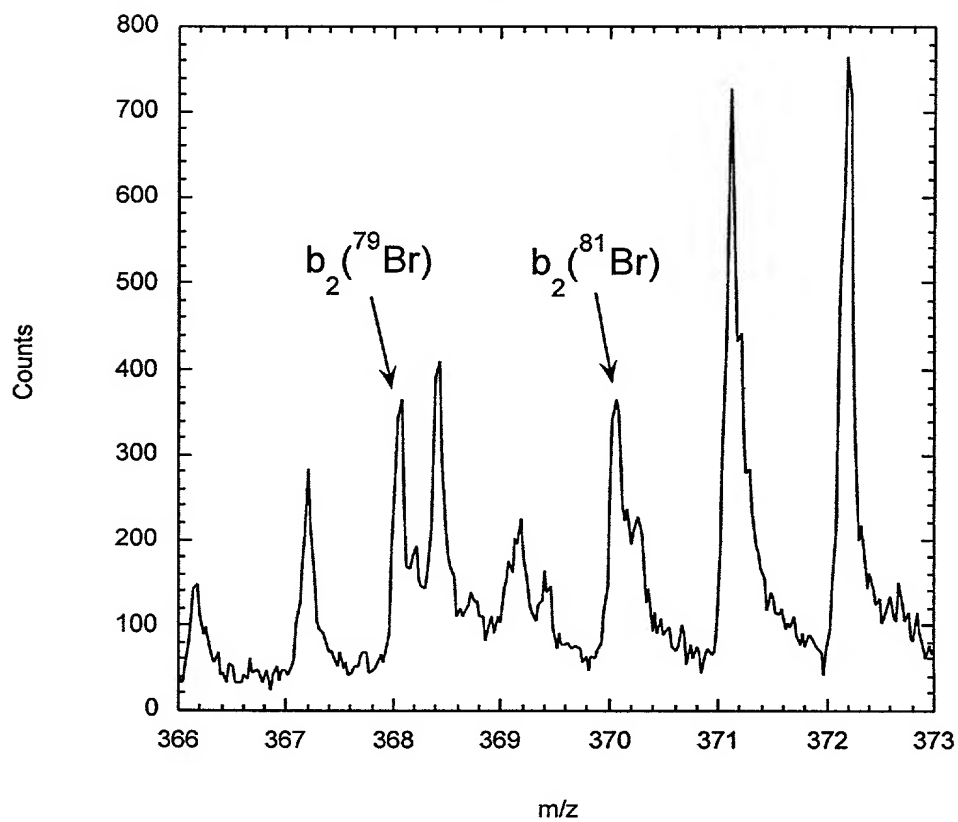


FIGURE 14A

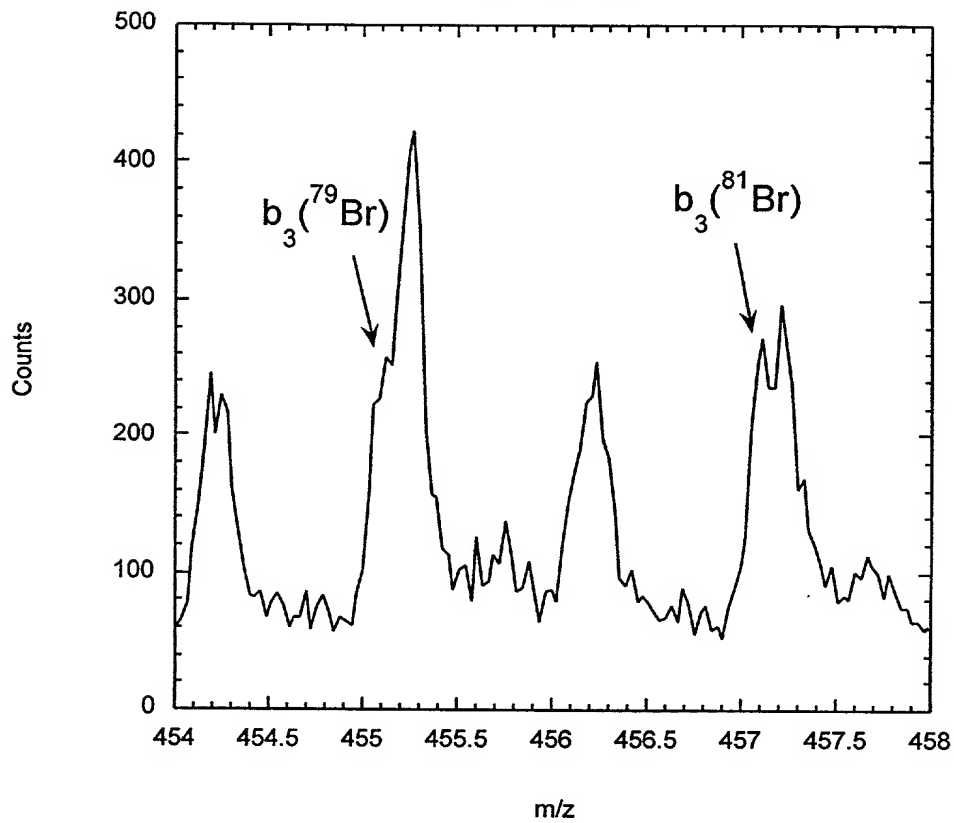


FIGURE 14B

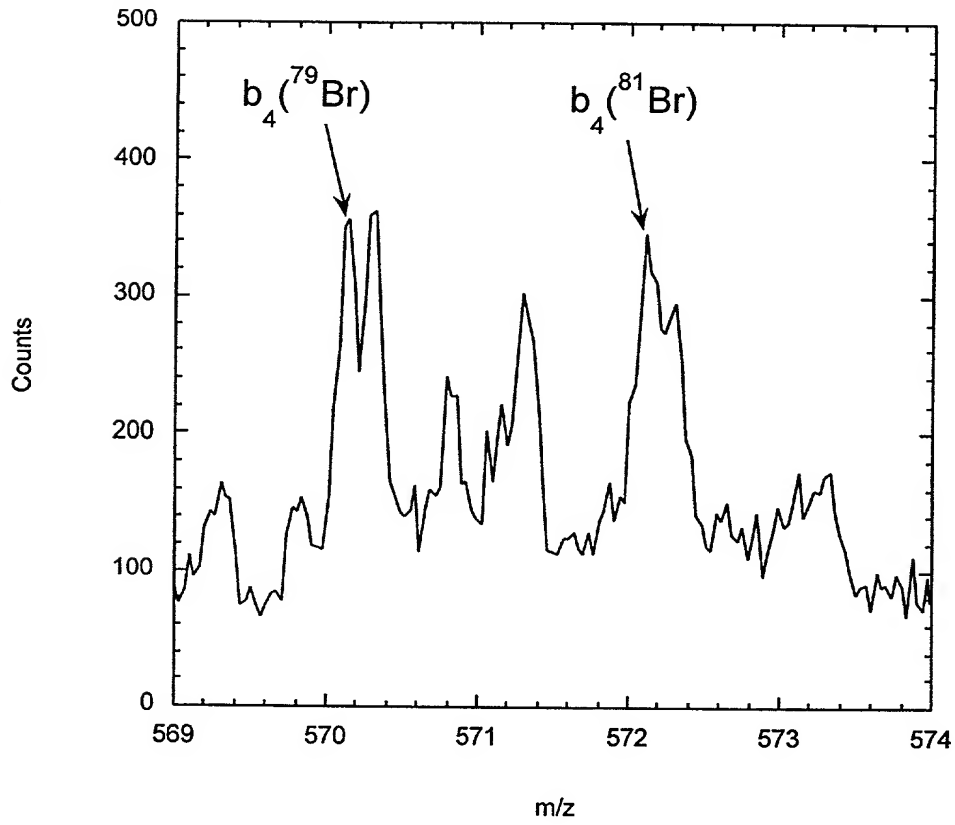


FIGURE 15A

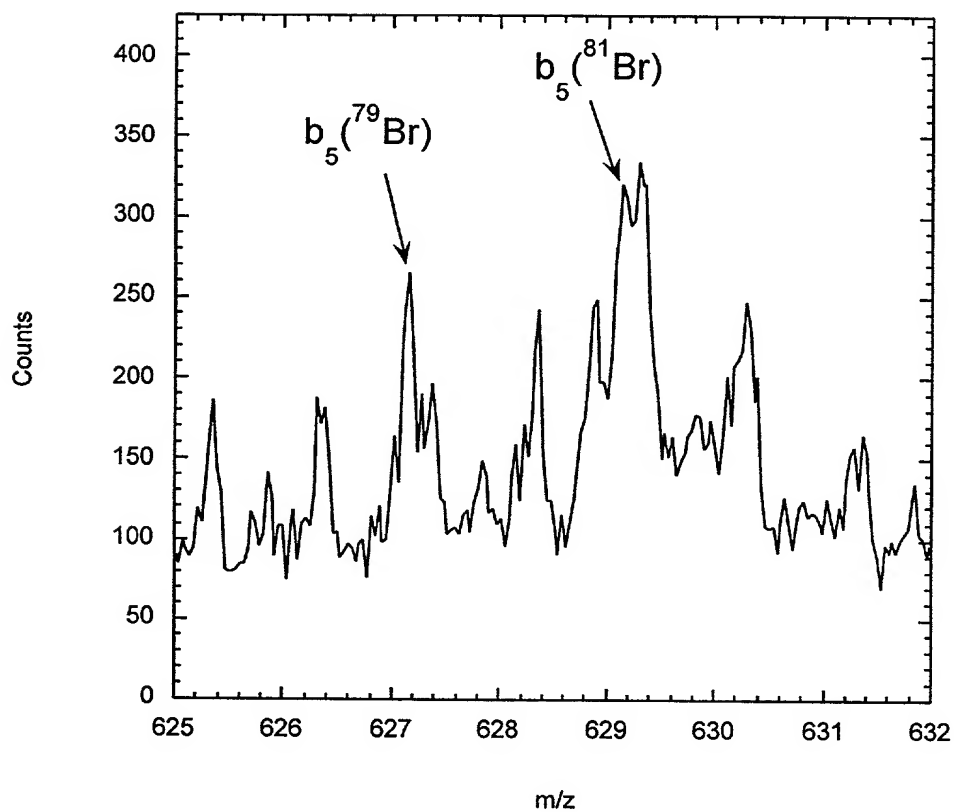


FIGURE 15B

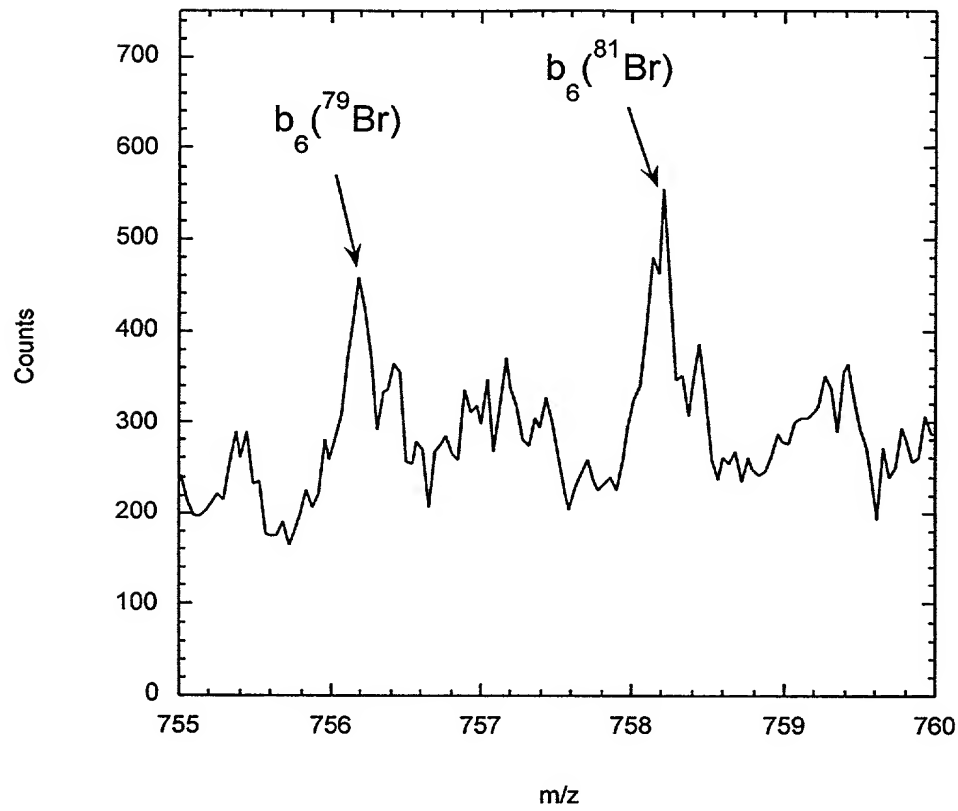




Figure 16

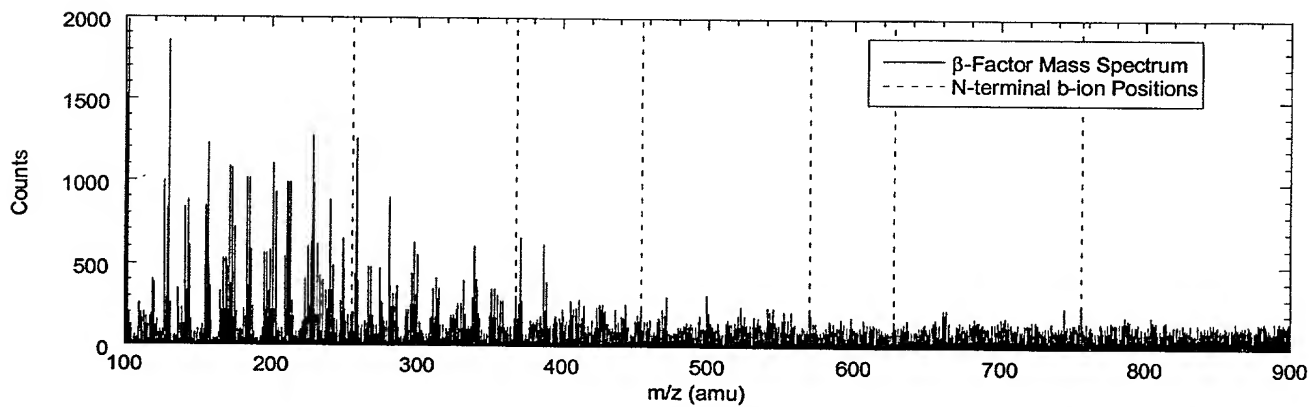
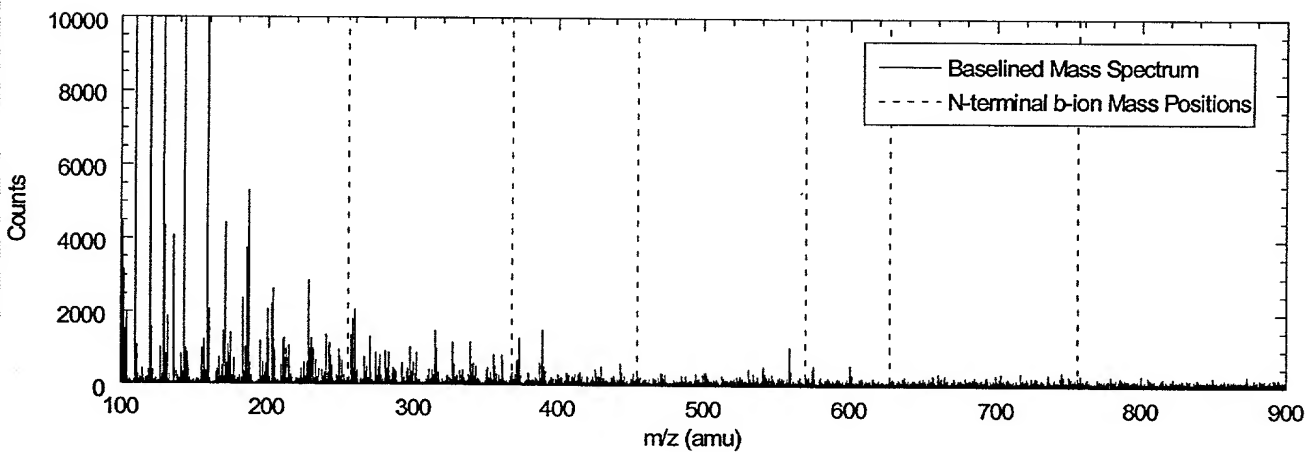
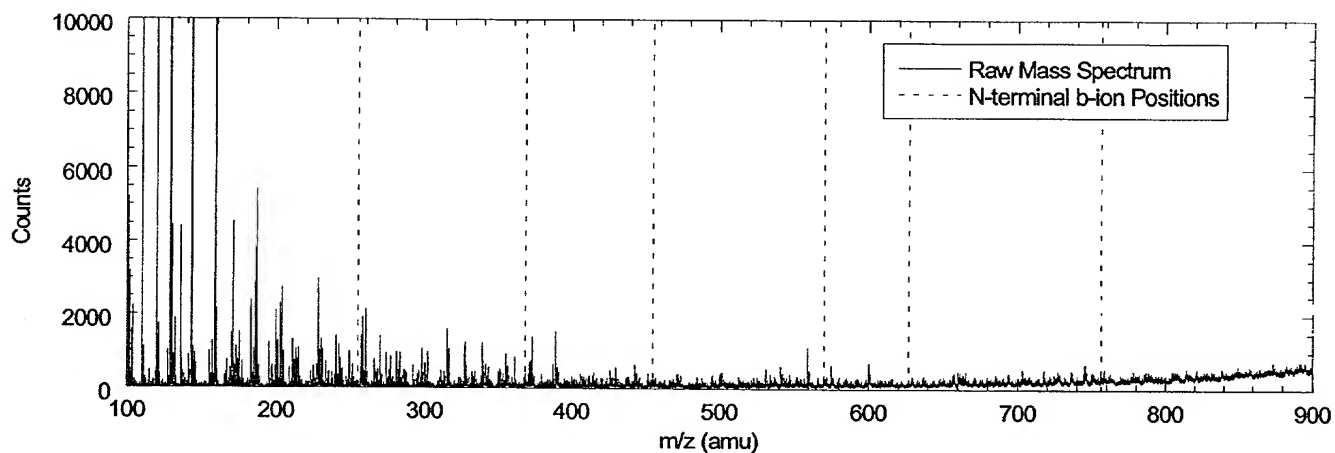


Figure 17

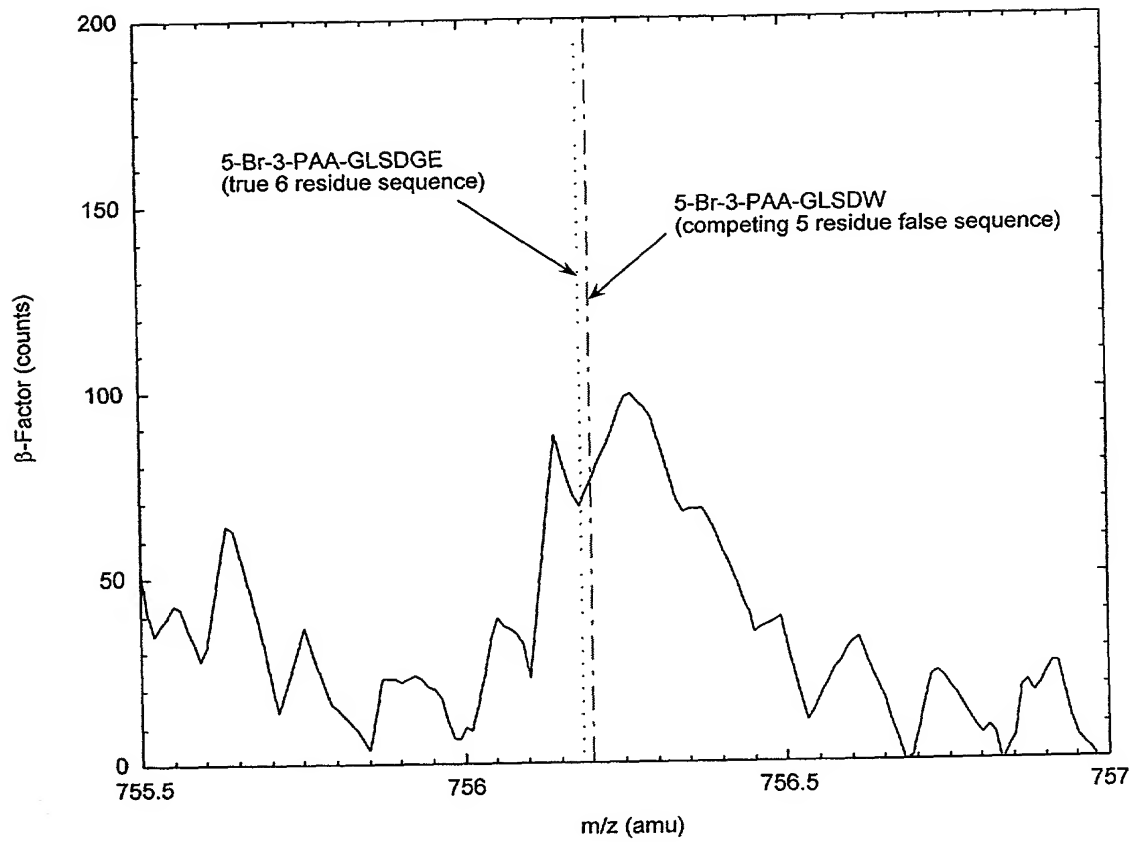


Figure 18A

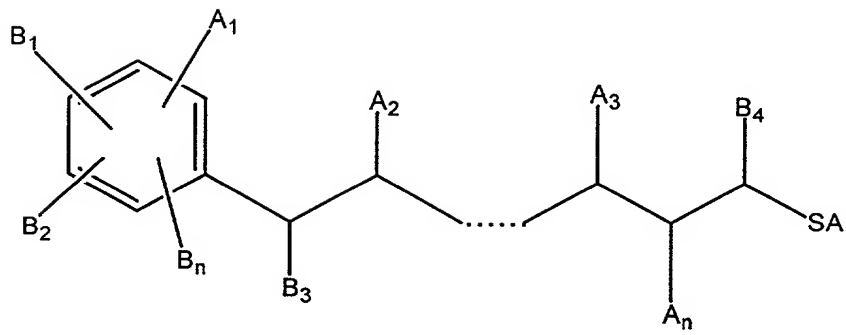
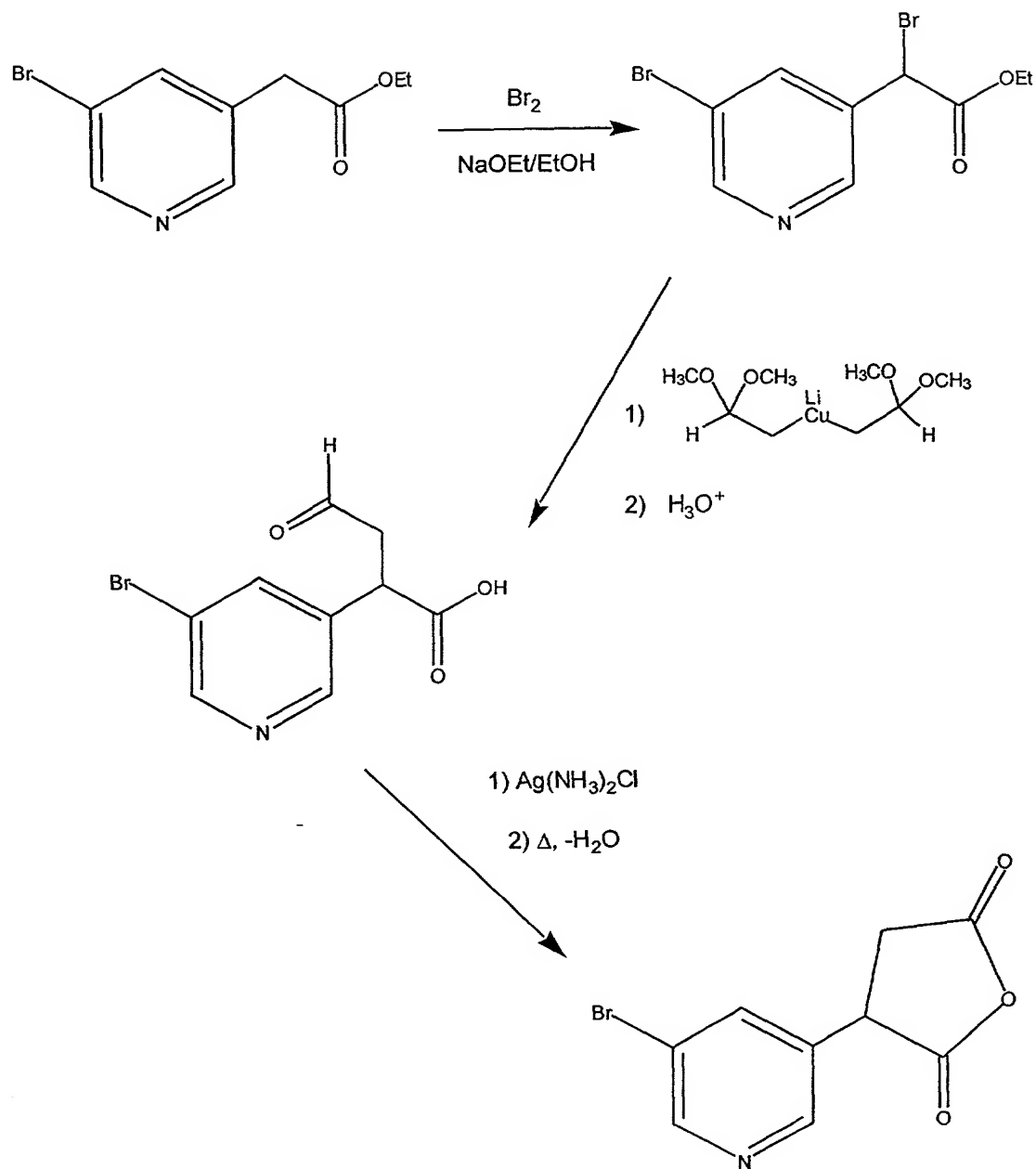


Figure 18B

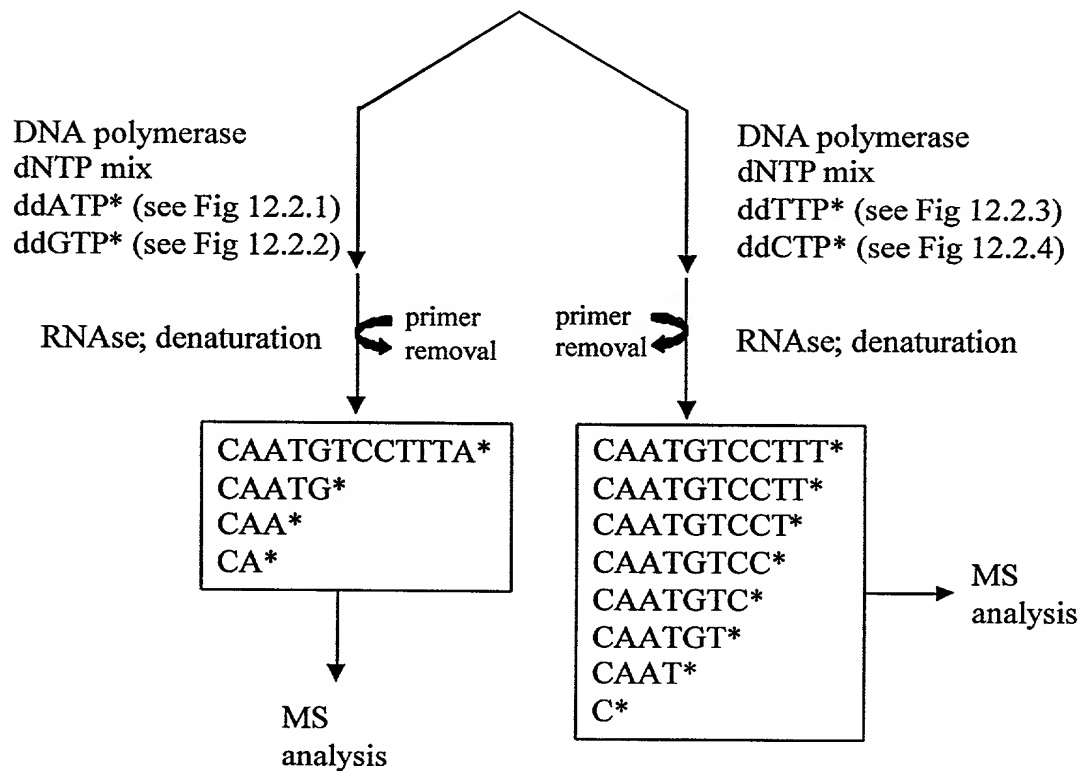


020444-000710

Figure 19



M13 primer



1003349-104901

Figure 20A

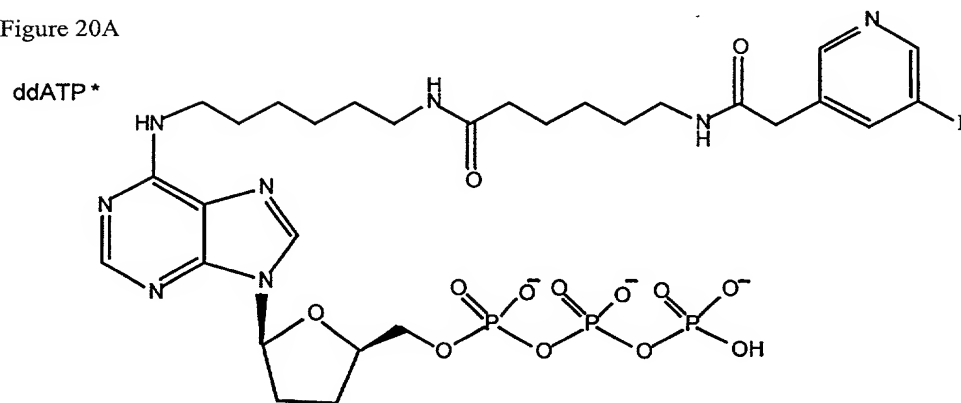


Figure 20B

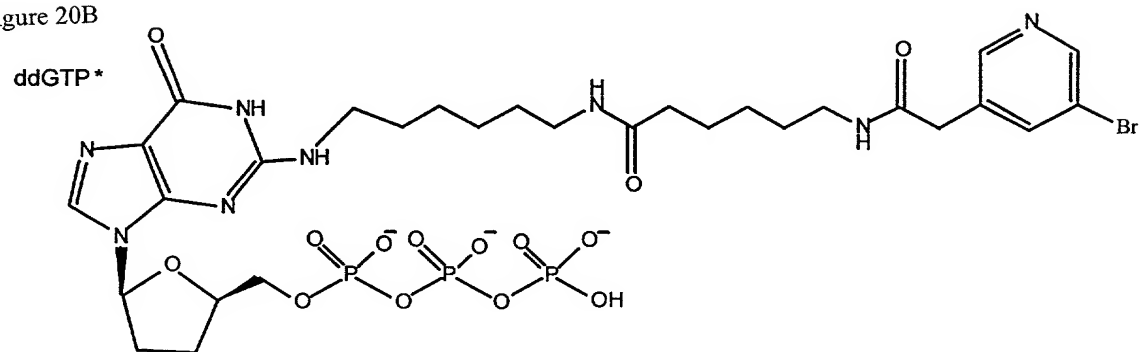


Figure 20C

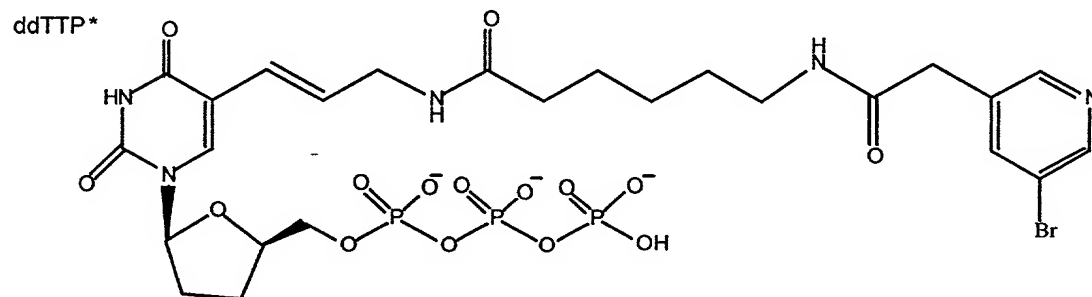


Figure 20D

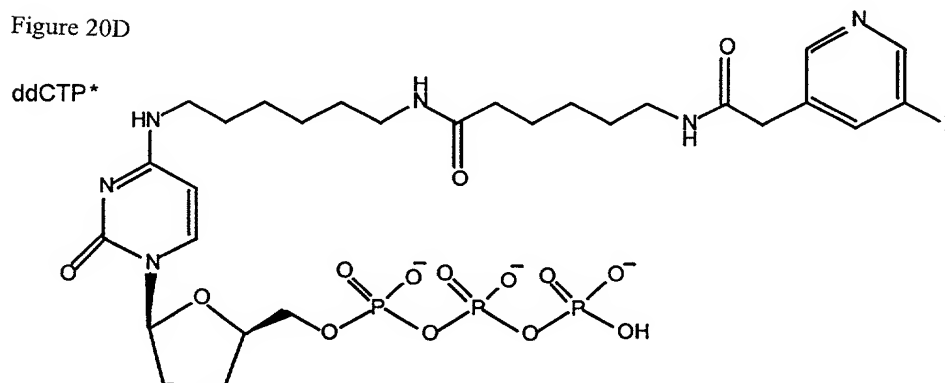


Figure 21

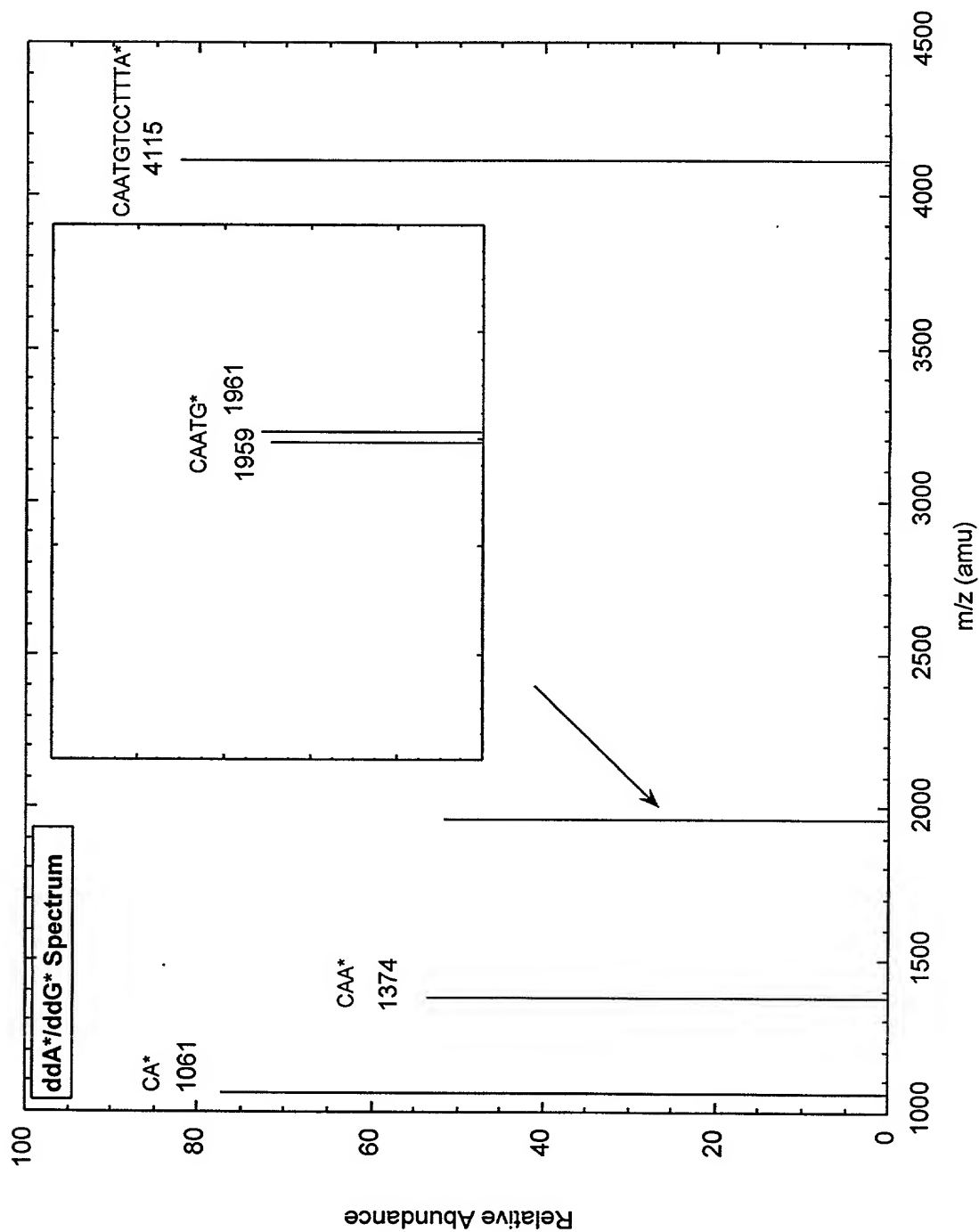


Figure 22

